(R O	orm PTO-1595 Rev. 03/01) MB No. 0651-0027 (exp. 5/31/2002) Tab settings ⇔ ⇔ ♥	RECOR	01806489	S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office			
	To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.						
1	I. Name of conveying party(ies): Donald R. Primrose	7-31-0)		receiving party(ies) rk Elements, Inc.			
Ad	dditional name(s) of conveying party(ies) attached? 📮 Yes 🌉 No					
3	3. Nature of conveyance:						
	Assignment Security Agreement	☐ Merger☐ Change of Name	Street Address: 9	560 SW Nimbus Ave.			
	Other		•	State: OR Zip: 9700			
E	Execution Date:		Additional name(s) & address(es) attached? 📮 Yes 🌇 No				
5			tached? Yes XX No 6. Total number of applications and patents involved: 1				
	Name: COLUMBIA IP LAN	GROUP, PC	7. Total fee (37 CFR 3.41)\$ 40.00				
	Internal Address:		Enclosed				
	EMESS: 00000009 09920246			charged to deposit account			
1 FC:581	40.00 DF Street Address: 4900 SW 1 Suite 109	Meadows Road	8. Deposit account number 5015				
	City: Lake Oswego State:	OR Zip: 97035	(Attach duplicate copy of th	is page if paying by deposit account)			
		DO NOT U	SE THIS SPACE				
	9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Jason K. Klindtworth, Reg. #47,211 Name of Person Signing Signature Date						
	Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents:						

Mail documents to be recorded with required cover sheet Information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

Attorney Docket No. 51040.P021

Patent

ASSIGNMENT (For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged that the undersigned,

ASSIGNOR(S): Donald R. Primrose

hereby sell, assign, and transfer to

ASSIGNEE:

Network Elements, Inc.

A corporation of Oregon located at

9560 SW Nimbus Avenue Beaverton, Oregon 97008

and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled:

CONFIGURABLE GLUELESS MICROPROCESSOR INTERFACE

and in and to said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-inpart applications, substitute applications, renewal applications, reissue applications,

> PATENT REEL: 012048 FRAME: 0719

reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Inventor:	Please	cion	and	date	below:

Inventor: Please indicate the date you signed the Combined Declaration And Power Of Attorney:

	\sim	-
7/3/ ,2001 Date	Name: Donald R. Primrose	7/3 / , 2001 Date
, 2001		, 2001
Date	Name:	Date
, 2001		, 2001
Date	Name:	Date
, 2001		, 2001
Date	Name:	Date
, 2001		, 2001
Date	Name:	Date

Assignment Document Return Address:

COLUMBIA IP LAW GROUP, PC 4900 SW Meadows Road, Suite 109 Lake Oswego, Oregon 97035 503-534-2800